



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 17, 2008

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Notice Of Completion For Phase I Taxiway B Realignment, East Runway Improvements, And Runway 7-25 Relocation

RECOMMENDATION:

That Council accept the work completed by Granite Construction, Contract No. 22,403, for the Santa Barbara Airport Phase I Taxiway B Realignment, East Runway Improvements, and Runway 7-25 Relocation, Bid No. 3430, in the final contract amount of \$13,616,521.89, including approved changes, and approve filing of a Notice of Completion.

DISCUSSION:

SCOPE OF WORK

The completed project consisted of the following:

- Realignment of the northern portion of Taxiway B to better align with its southern portion
- Relocation of two aircraft holding areas to mitigate aircraft circulation and operational issues associated with the runway shift
- Shifting Runway 7-25 800 feet to the west by constructing a new runway surface with paved shoulders
- Moving the easterly runway end 800 feet to the west
- The relocation of Federal Aviation Administration (FAA) navigational aids including the Precision Approach Path Indicator System, Runway End Identifier Light System, the Runway Visual Range System, and the Glide Slope System.

BACKGROUND

In May 2004, the Santa Barbara Airport embarked upon the construction of the Airfield Safety Projects (ASP) in order to meet current FAA standards. These projects included:

- Runway 7-25 Overlay
- Tecolotito Creek Bank Restoration

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- Constructing a new Taxiway M, East Service Road, and Goleta Slough Observation Area
- Rerouting of Tecolotito and Carneros Creeks
- Grading the new safety areas, and shifting the runway and parallel taxiway 800 feet to the west to allow for the safety areas (current project)

In total, ASP projects have cost more than \$37,000,000 to complete.

On April 10, 2007, Council awarded the project construction contract to Granite Construction (Granite) in the amount of \$12,784,917. Council also authorized the Public Works Director to approve expenditures for extra work in the amount of \$894,944, and authorized the City Administrator to execute an agreement with Penfield & Smith for construction phase services. On July 31, 2007, Council authorized an additional \$1,131,382 in funding to complete the relocation of FAA navigational aids.

Granite has completed all work in accordance with the contract plans and specifications. Final inspection of the work for acceptance by the City took place on May 1, 2008.

The final contract amount of \$13,616,521.89 is \$831,604.89 over the original contract amount of \$12,784,917. This difference is due to the issuance of contract change orders in the total amount of \$1,407,296.50 and differences between bid quantities and quantities measured for payment amounting to a credit of \$575,691.61, for a net project cost change of \$831,604.89.

CHANGE ORDERS

The work covered by change orders consisted of the relocation of FAA navigational aids, screening of stockpile materials to remove asphalt concrete debris, placing and removing lighted "x" markers for nighttime runway closures, paving around FAA navigational aid facilities, and adding floodlights to the Segmented Circle.

The following charts summarize the construction contract authorizations:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Base Contract	Change Funds	Total
Initial Authorization	\$12,784,917	\$894,944	\$13,679,861
Additional Authorization (if appropriate)		\$1,131,382	\$14,811,243
Final Actual Expenditure	\$12,784,917	\$831,604.89	\$13,616,521.89

TOTAL PROJECT COST SUMMARY

Design (by Contract & City staff)	\$2,220,155
Other Design Costs (Environmental Analysis Studies, etc.)	\$275,000
Construction Contract	\$12,784,917
Construction Change Order costs	\$831,604.89
Construction Management/Inspection (by Contract & City staff)	\$1,499,940
TOTAL	\$17,611,616.89

Staff recommends that Council accept the work and approve filing of a Notice of Completion.

SUSTAINABILITY IMPACT:

One of the City's sustainability goals is to increase recycling efforts and divert waste from landfills. This project requires the removal of existing asphalt concrete paving in different areas of the Airport. All of the paving to be removed will be ground up and used underneath new paving as recycled base material, amounting to approximately 6,000 cubic yards of grindings, or 10,500 tons.

PREPARED BY: Owen Thomas, Principal Engineer/LR/sk

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office